

# SEQUENCE LISTING

<110> NAGATA, Shigekazu  
YATOMI, Takehiro  
SUDA, Takashi

<120> PROPHYLACTIC/THERAPEUTIC AGENT

<130> 1110-235P

<140> 09/297,328

<141> 1999-04-29

<150> PCT/JP97/03978

<151> 1997-10-31

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<170> PatentIn Ver. 2.0

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Gly Thr Arg Cys Asp Ile Gln Met Thr Gln Thr Thr Ser Ser Leu Ser	
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gcc tct ctg gga gac aga gtc acc atc agt tgc agg gcc agt cag gac	144
Ala Ser Leu Gly Asp Arg Val Thr Ile Ser Cys Arg Ala Ser Gln Asp	
35 40 45	
att agc aat tat tta aac tgg tat cag cag aaa cca gat gga act gtt	192
Ile Ser Asn Tyr Leu Asn Trp Tyr Gln Gln Lys Pro Asp Gly Thr Val	
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aaa ctc ctg atc tac tac aca tca aga tta cac tca gga gtc cca tca	240
Lys Leu Leu Ile Tyr Tyr Thr Ser Arg Leu His Ser Gly Val Pro Ser	
65 70 75 80	
agg ttc agt ggc agt ggg tct ggg aca aat tat tct ctc acc att agc	288
Arg Phe Ser Gly Ser Gly Ser Gly Thr Asn Tyr Ser Leu Thr Ile Ser	
85 90 95	
aac ctg gaa caa gga gat att gcc act tac ttt tgc caa cag ggt agt	336
Asn Leu Glu Gln Gly Asp Ile Ala Thr Tyr Phe Cys Gln Gln Gly Ser	
100 105 110	

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 Ala Ser Leu Gly Asp Arg Val Thr Ile Ser Cys Arg Ala Ser Gln Asp  
 35 40 45  
 Ile Ser Asn Tyr Leu Asn Trp Tyr Gln Gln Lys Pro Asp Gly Thr Val  
 50 55 60  
 Lys Leu Leu Ile Tyr Tyr Thr Ser Arg Leu His Ser Gly Val Pro Ser  
 65 70 75 80  
 Arg Phe Ser Gly Ser Gly Ser Gly Thr Asn Tyr Ser Leu Thr Ile Ser  
 85 90 95  
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 gcc caa gca cag atc cag ttg gtg cag tct gga cct gag ctg aag aag 96  
 Ala Gln Ala Gln Ile Gln Leu Val Gln Ser Gly Pro Glu Leu Lys Lys  
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 cct gga gag aca gtc aag atc tcc tgc aag gct tct ggg tat acc ttc 144  
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gct agc gtc ggg gat agg gtc acc ata act tgc agg gca agt cag gac 144  
Ala Ser Val Gly Asp Arg Val Thr Ile Thr Cys Arg Ala Ser Gln Asp  
35 40 45  
  
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Ile Ser Asn Tyr Leu Asn Trp Tyr Gln Gln Lys Pro Gly Lys Ala Pro  
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aag ctt cta att tat tac aca tca aga tta cac tca ggg gta cct tca 240  
Lys Leu Leu Ile Tyr Tyr Thr Ser Arg Leu His Ser Gly Val Pro Ser  
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cgc ttc agt ggc agt gga tct ggg acc aat tat acc ctc aca atc tcg 288  
Arg Phe Ser Gly Ser Gly Ser Gly Thr Asn Tyr Thr Leu Thr Ile Ser  
85 90 95  
  
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Ser Leu Gln Pro Asp Asp Phe Ala Thr Tyr Phe Cys Gln Gln Gly Ser  
100 105 110  
  
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gag tac aag tgc aag gtc tcc aac aaa gcc ctc cca gcc ccc atc gag 821
Glu Tyr Lys Cys Lys Val Ser Asn Lys Ala Leu Pro Ala Pro Ile Glu
                250                      255                      260

aaa acc atc tcc aaa gcc aaa ggg cag ccc cga gaa cca cag gtg tac 869
Lys Thr Ile Ser Lys Ala Lys Gly Gln Pro Arg Glu Pro Gln Val Tyr
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acc ctg ccc cca tcc cgg gat gag ctg acc aag aac cag gtc agc ctg 917
Thr Leu Pro Pro Ser Arg Asp Glu Leu Thr Lys Asn Gln Val Ser Leu
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acc tgc ctg gtc aaa ggc ttc tat ccc agc gac atc gcc gtg gag tgg 965
Thr Cys Leu Val Lys Gly Phe Tyr Pro Ser Asp Ile Ala Val Glu Trp
295                      300                      305                      310

gag agc aat ggg cag ccg gag aac aac tac aag acc acg cct ccc gtg 1013
Glu Ser Asn Gly Gln Pro Glu Asn Asn Tyr Lys Thr Thr Pro Pro Val
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ctg gac tcc gac ggc tcc ttc ttc ctc tac agc aag ctc acc gtg gac 1061
Leu Asp Ser Asp Gly Ser Phe Phe Leu Tyr Ser Lys Leu Thr Val Asp
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aag agc agg tgg cag cag ggg aac gtc ttc tca tgc tcc gtg atg cat 1109
Lys Ser Arg Trp Gln Gln Gly Asn Val Phe Ser Cys Ser Val Met His
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gag gct ctg cac aac cac tac acg cag aag agc ctc tcc ctg tct ccg 1157
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 Pro Cys Pro Pro Gly Glu Arg Lys Ala Arg Asp Cys Thr Val Asn Gly  
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Pro Cys Pro Pro Gly Glu Arg Lys Ala Arg Asp Cys Thr Val Asn Gly  
 35 40 45

Asp Glu Pro Asp Cys Val Pro Cys Gln Glu Gly Lys Glu Tyr Thr Asp  
 50 55 60

Lys Ala His Phe Ser Ser Lys Cys Arg Arg Cys Arg Leu Cys Asp Glu  
 65 70 75 80

Gly His Gly Leu Glu Val Glu Ile Asn Cys Thr Arg Thr Gln Asn Thr  
 85 90 95

Lys Cys Arg Cys Lys Pro Asn Phe Phe Cys Asn Ser Thr Val Cys Glu  
 100 105 110

His Cys Asp Pro Cys Thr Lys Cys Glu His Gly Ile Ile Lys Glu Cys  
 115 120 125

Thr Leu Thr Ser Asn Thr Lys Cys Lys Glu Glu Gly Ser Arg Ser Asn  
 130 135 140

Glu Pro Lys Ser Cys Asp Lys Thr His Thr Cys Pro Pro Cys Pro  
 145 150 155